Dividing Negative Proper Fractions (E)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\dfrac{1}{2}\right) \div \dfrac{1}{2} \ = \ \text{---} \times \text{---} = \text{---} =$

2. $\left(-\dfrac{1}{2}\right) \div \dfrac{2}{3} \ = \ \text{---} \times \text{---} = \text{---}$

3. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{2}{3}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{1}{2}\right) = \text{---} \times \text{---} = \text{---} =$

5. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{1}{3}\right) = \text{---} \times \text{---} = \text{---} =$

6. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{1}{2}\right) = \text{---} \times \text{---} = \text{---}$

7. $\dfrac{1}{3} \div \left(-\dfrac{2}{3}\right) \ = \ \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\left(-\dfrac{3}{4}\right) \div \left(-\dfrac{2}{3}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\left(-\dfrac{1}{3}\right) \div \dfrac{4}{5} \ = \ \text{---} \times \text{---} = \text{---}$

10. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{2}{3}\right) = \text{---} \times \text{---} = \text{---}$

Dividing Negative Proper Fractions (E) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\left(-\dfrac{1}{2}\right) \div \dfrac{1}{2} = \left(-\dfrac{1}{2}\right) \times \dfrac{2}{1} = \left(-\dfrac{2}{2}\right) = 1$

2. $\left(-\dfrac{1}{2}\right) \div \dfrac{2}{3} = \left(-\dfrac{1}{2}\right) \times \dfrac{3}{2} = \left(-\dfrac{3}{4}\right)$

3. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{2}{5}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{6}{10} = \dfrac{3}{5}$

4. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{1}{2}\right) = \left(-\dfrac{1}{2}\right) \times \left(-\dfrac{2}{1}\right) = \dfrac{2}{2} = 1$

5. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{1}{3}\right) = \left(-\dfrac{1}{3}\right) \times \left(-\dfrac{3}{1}\right) = \dfrac{3}{3} = 1$

6. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{1}{2}\right) = \left(-\dfrac{1}{3}\right) \times \left(-\dfrac{2}{1}\right) = \dfrac{2}{3}$

7. $\dfrac{1}{3} \div \left(-\dfrac{2}{3}\right) = \dfrac{1}{3} \times \left(-\dfrac{3}{2}\right) = \left(-\dfrac{3}{6}\right) = \left(-\dfrac{1}{2}\right)$

8. $\left(-\dfrac{3}{4}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{3}{4}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{9}{8} = 1\dfrac{1}{8}$

9. $\left(-\dfrac{1}{3}\right) \div \dfrac{4}{5} = \left(-\dfrac{1}{3}\right) \times \dfrac{5}{4} = \left(-\dfrac{5}{12}\right)$

10. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{3}{5}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{9}{10}$

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